

Data File : VV010695.D
Acq On : 07 May 2019 16:48
Operator : SY/MD
Sample : VV0507SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK81

Quant Time: May 08 03:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94856	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	97738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44368	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36443	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	1.56	69	30676	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	2.12	63	57080	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.44%
20) 2-Butanone-d5	3.93	46	23191	52.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.90%
24) Chloroform-d	4.40	84	60722	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.08	65	41511	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	5.09	84	123104	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	6.12	67	40426	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.64%
37) Toluene-d8	7.36	98	117402	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
38) trans-1,3-Dichloropropene-	7.66	79	17727	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	8.13	63	18714	54.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37080	24.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	40953	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

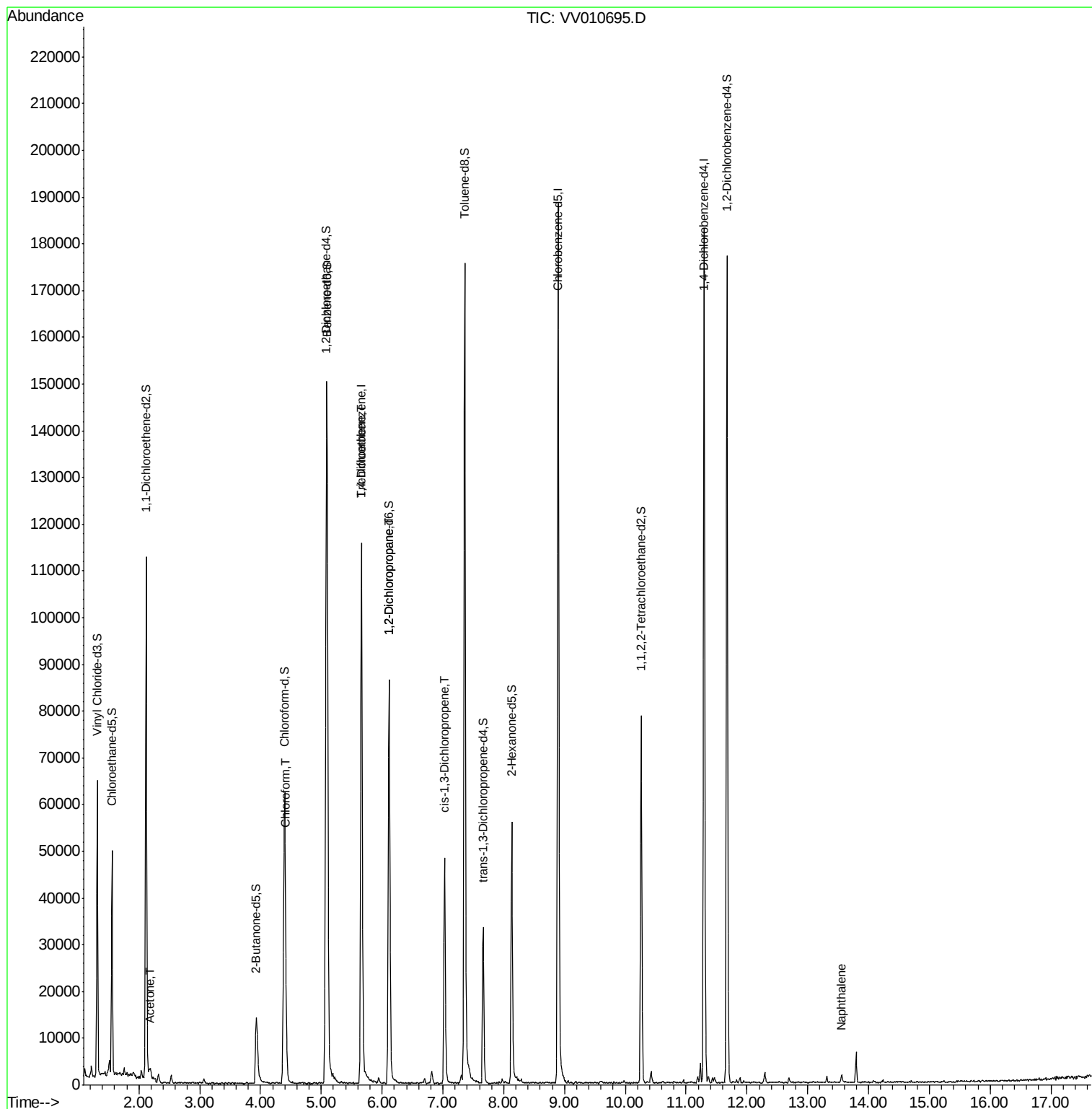
					Qvalue
13) Acetone	2.19	43	1200	1.753 ug/L	94
25) Chloroform	4.42	83	3592	1.251 ug/L	89
35) Trichloroethene	5.66	95	2935	1.826 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4967	3.254 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1404	0.582 ug/L #	60
69) Naphthalene	13.56	128	1860	0.505 ug/L #	87

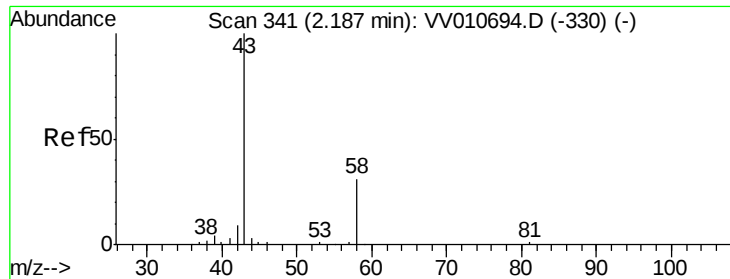
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.753 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 07 May 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

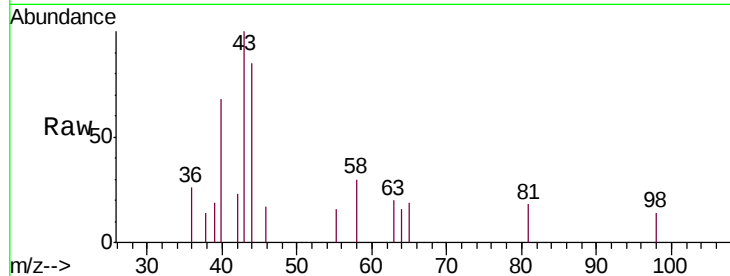
VBLK81

Tgt Ion: 43 Resp: 1200

Ion Ratio Lower Upper

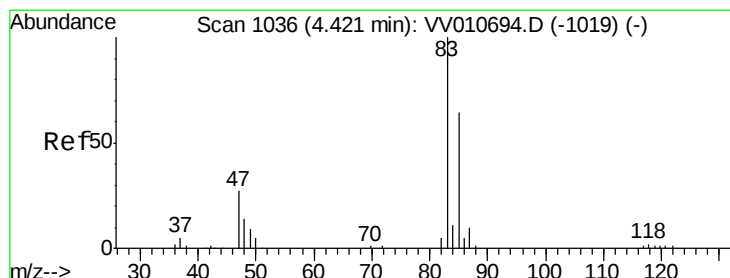
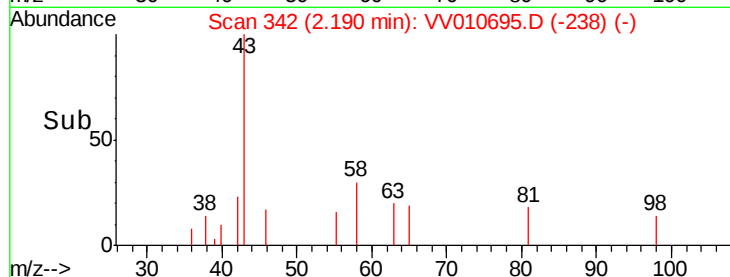
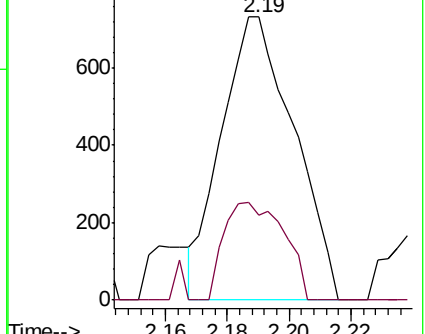
43 100

58 28.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010694.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010694.D (-330) (-)



#25

Chloroform

Concen: 1.251 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV010695.D

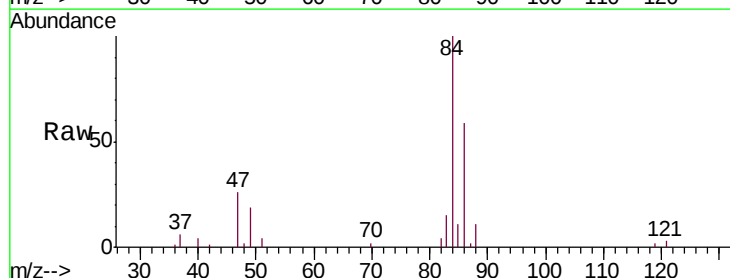
Acq: 07 May 2019 16:48

Tgt Ion: 83 Resp: 3592

Ion Ratio Lower Upper

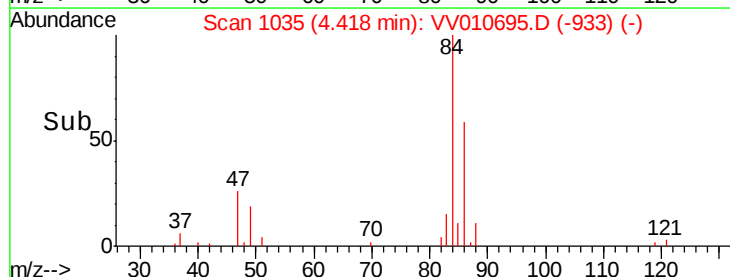
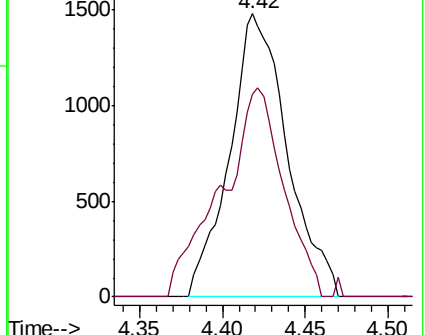
83 100

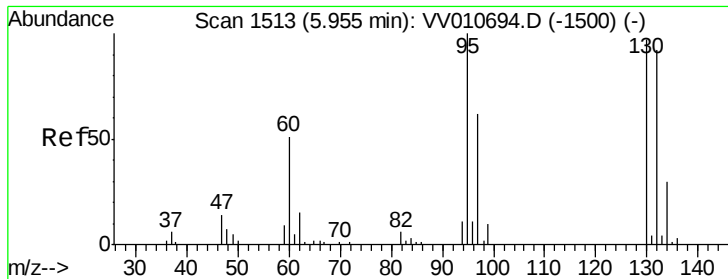
85 54.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010694.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010694.D (-1019) (-)





#35

Trichloroethene

Concen: 1.826 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Acq: 07 May 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

VBLK81

Tgt Ion: 95 Resp: 2935

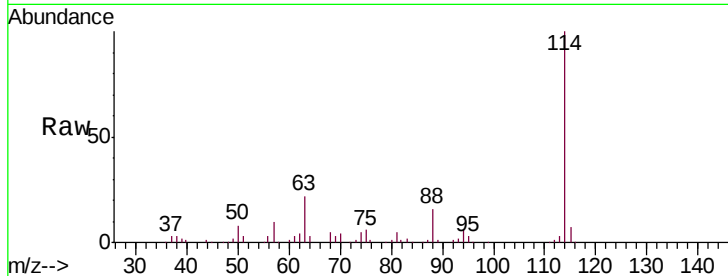
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

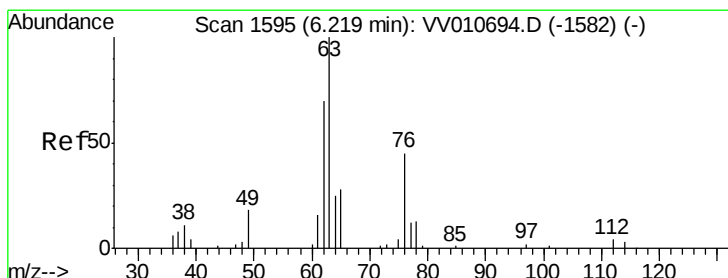
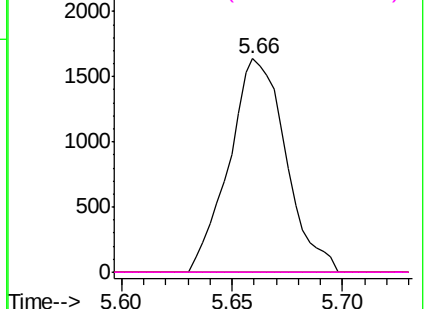
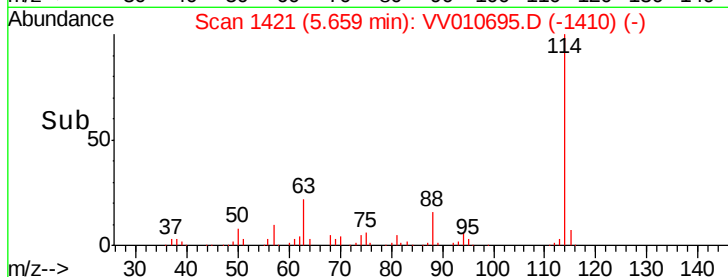


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.254 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010695.D

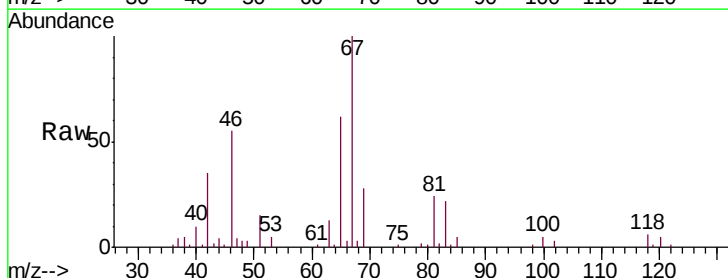
Acq: 07 May 2019 16:48

Tgt Ion: 63 Resp: 4967

Ion Ratio Lower Upper

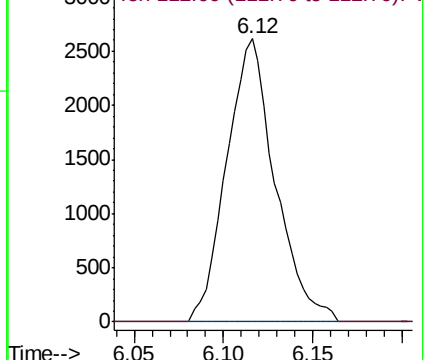
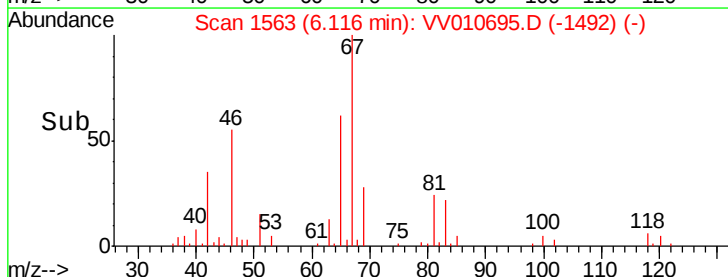
63 100

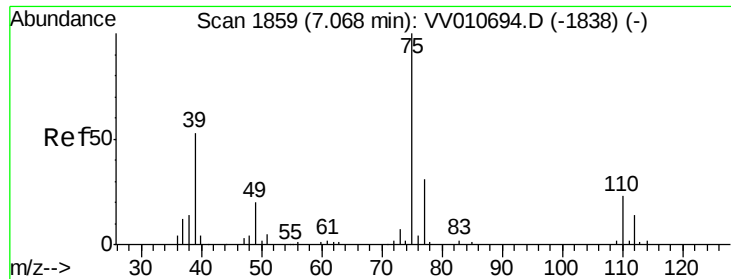
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV010695.D

Acq: 07 May 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

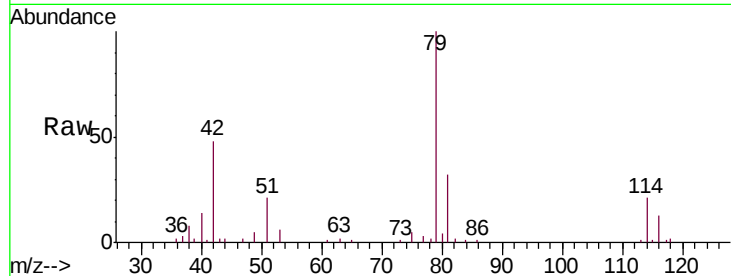
VBLK81

Tgt Ion: 75 Resp: 1404

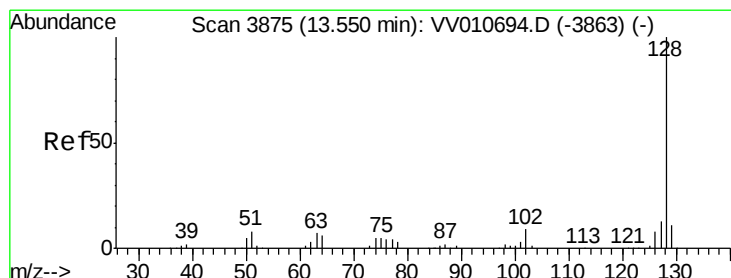
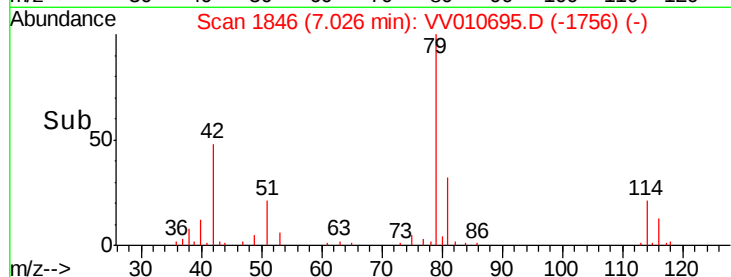
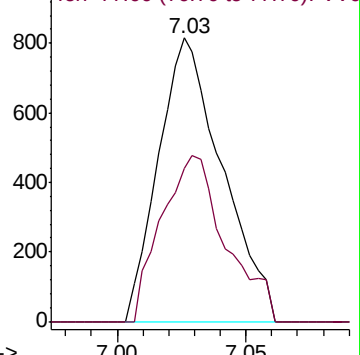
Ion Ratio Lower Upper

75 100

77 54.1 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV010694.D (-1838) (-)



#69

Naphthalene

Concen: 0.505 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV010695.D

Acq: 07 May 2019 16:48

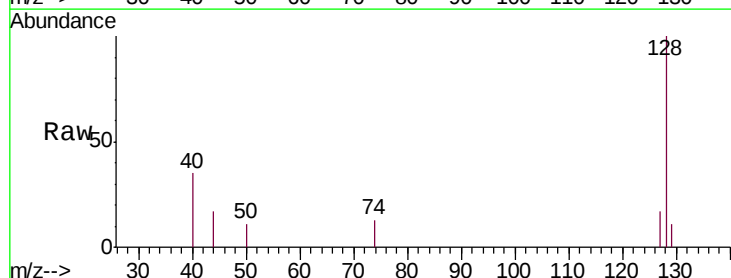
Tgt Ion: 128 Resp: 1860

Ion Ratio Lower Upper

128 100

129 4.0 8.3 12.5#

127 9.3 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): VV010694.D (-3863) (-)

